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RBM3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7397b

Specification

RBM3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P98179

RBM3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5935

Other Names
Putative RNA-binding protein 3, RNA-binding motif protein 3, RNPL, RBM3, RNPL

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7397b was selected from the C-term region of human RBM3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RBM3 Antibody (C-term) Blocking Peptide - Protein Information

Name RBM3

Synonyms RNPL

Function
Cold-inducible mRNA binding protein that enhances global protein synthesis at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphorylation of translation initiation factors and active polysome formation (By similarity).

Cellular Location
Nucleus. Cytoplasm. Cell projection, dendrite. Note=Localizes in mRNA granules in dentrites.

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RBM3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

RBM3 Antibody (C-term) Blocking Peptide - Images

RBM3 Antibody (C-term) Blocking Peptide - Background

RBM3 is a member of the glycine-rich RNA-binding protein family and a protein with one RNA recognition motif (RRM) domain. Expression of this protein is induced by cold shock and low oxygen tension.

RBM3 Antibody (C-term) Blocking Peptide - References

Zeng,Y., J. Cell. Biochem. 107 (1), 179-188 (2009)Sureban,S.M., Oncogene 27 (33), 4544-4556 (2008)